

August 20, 2001
Mr. Richard McCready
Aluminum Finishing Corporation
9850 East 30th Street
Indianapolis, IN 46229

Re: **097-14783-00127**
Second Administrative Amendment to
FESOP 097-7881-00127

Dear Mr. McCready.:

Aluminum Finishing Corporation was issued a Federally Enforceable State Operating Permit (FESOP) on January 22, 1998 relating to surface coating of miscellaneous metal parts. A First Administrative Amendment, 097-11289-00127, relating to a change in the Responsible Official from Kenneth Asam to Richard McCready was issued on April 13, 2000.

On June 7, 2001, Aluminum Finishing Corporation submitted a request for an Administrative Amendment to amend Condition D.1.11 (Thermal Oxidizer Induced Draft Fan Amperage). Specifically, it was requested that the fan amperage, utilized as a compliance monitoring provision to demonstrate that the Paint Tunnel is continuously operated as a total enclosure, be revised from the range of 20 to 23.5 amps to a higher range of 24.1 amps to 36.9 amps. Documentation submitted at that time stated that the mean fan amperage noted on daily checks was 30.5 with a standard deviation of 3.2.

A stack test was performed on April 18, 2001 to demonstrate compliance with FESOP emission limits. During the test which demonstrated compliance with FESOP emission limits, it was noted that the fan amperage fluctuated between 28 and 32 amps. Based on the stack test fan amperage range and the June 7, 2001 request letter, the fan amperage range will be changed from 27 to 33 amps. Pursuant to the provisions of 326 IAC 2-8-10(a)(5) the permit is hereby administratively amended as follows (deletions in strikeout and additions are in bold):

D.1.11 Thermal Oxidizer Induced Draft Fan Amperage

The amperage on the induced draft fan at Emission Unit ID TX-1 shall be recorded at least once daily when Paint Tunnel surface coating is in operation. The fan amperage shall be maintained within the range of ~~20 to 23.5~~ **27 to 33** amps. The Preventive Maintenance Plan for this unit shall contain troubleshooting contingency and corrective actions for when the fan amperage is outside the specified range.

In addition, the Title Page of the FESOP has been revised to reflect this Second Administrative Amendment issuance, the change in name of the Indiana Department of Environmental Management, Office of Air Management to the Office of Air Quality and the addition of the expiration date of the FESOP issued January 22, 1998 to the signature box.

All other conditions of the permit shall remain unchanged and in effect. Please attach a copy of this amendment and the following revised permit pages to the front of the original permit.

This decision is subject to the Indiana Administrative Orders and Procedures Act - IC 4-21.5-3-5.
If you have any questions on this matter, please contact Mr. Mark Caraher at (317) 327-2272.

Sincerely,

Vaneeta M. Kumar
Administrator, ERMD

Attachments: Second Administrative Amendment

MBC

cc: file (2 copies)
Mindy Hahn, IDEM

FEDERALLY ENFORCEABLE STATE OPERATING PERMIT (FESOP)

OFFICE OF AIR QUALITY and INDIANAPOLIS ENVIRONMENTAL RESOURCES MANAGEMENT DIVISION AIR QUALITY MANAGEMENT SECTION

**Aluminum Finishing Corporation
9850 East 30th Street
Indianapolis, Indiana 46229**

Aluminum Finishing Corporation (herein known as the Permittee) is hereby authorized to operate subject to the conditions contained herein, the source described in Section A (Source Summary) of this permit.

This permit is issued in accordance with 326 IAC 2 and 40 CFR Part 70 Appendix A and contains the conditions and provisions specified in 326 IAC 2-8 and 326 IAC 2-1-3.2, as required by 42 U.S.C. 7401, et. seq. (Clean Air Act as amended by the 1990 Clean Air Act Amendments), 40 CFR Part 70.6, IC 13-15 and IC 13-17.

Operation Permit No.: F097-7881-00127	
Issued by: Robert F. Holm, PhD, Administrator Environmental Resources Management Division	Issuance Date: January 22, 1998
First Administrative Amendment AAFNo.: 097-11289-00127	
Pages Affected: 1, 5	
Issued by: Robert F. Holm, PhD, Administrator Environmental Resources Management Division	Issuance Date: April 13, 2000
Second Administrative Amendment AAFNo.: 097-14783-00127	
Pages Affected: 1, 31	
Issued by: Vaneeta M. Kumar, Administrator Environmental Resources Management Division	Issuance Date: Expiration Date:

D.1.10 Thermal Oxidizer Operating Temperature

- (a) Pursuant to 326 IAC 2-8-4, 326 IAC 2-8-5 and Conditions C.9 (Compliance Monitoring) and C.10 (Maintenance of Monitoring Equipment), the Permittee shall install, calibrate and operate a device that continuously provides a written record account of the Thermal Oxidizer operating temperature to achieve compliance with 326 IAC 8-1-2. The Permittee shall maintain such device continuously thereafter.
- (b) The Permittee shall continuously record the Thermal Oxidizer operating temperature. A minimum operating temperature of 1200 F shall be maintained at all times during surface coating operation(s). The Compliance Response Plan shall be followed whenever a condition exists which should result in a response step. Failure to take response steps, in accordance with Section C.15 - Compliance Monitoring Plan - Failure to Take Response Steps, shall be considered a violation of this permit.

D.1.11 Thermal Oxidizer Induced Draft Fan Amperage

The amperage on the induced draft fan at Emission Unit ID TX-1 shall be recorded at least once daily when Paint Tunnel surface coating is in operation. The fan amperage shall be maintained within the range of 27 to 33 amps. The Preventive Maintenance Plan for this unit shall contain troubleshooting contingency and corrective actions for when the fan amperage is outside the specified range.

These monitoring conditions are necessary to ensure that the Paint Tunnel is continuously operated as a total enclosure and that all generated VOC/HAP emissions in the Paint Tunnel are directed to Emission Unit ID TX-1 where they are incinerated. Verification of destruction efficiency is demonstrated by maintaining a minimum operating temperature of no less than 1200 F. By maintaining this operating temperature, greater than 84 % collection and destruction efficiency is verified to be in compliance with the minimum efficiency mandated by 326 IAC 8-1-2(b) and (c) and is verified to be in compliance with FESOP HAP limitations mandated by Condition D.1.2.

Record Keeping and Reporting Requirements [326 IAC 2-8-4(3)] [326 IAC 2-8-16]

D.1.12 Record Keeping Requirements

- (a) To document compliance with Conditions D.1.1, D.1.2, D.1.10 and D.1.11, the Permittee shall maintain daily records of the following information:
 - (1) The weight of VOC per volume of coating solids as applied each day on each coating line;
 - (2) Thermal Oxidizer continuous operating temperature monitoring data,
 - (3) A log of Thermal Oxidizer induced draft fan amperage daily data;
 - (4) The cleanup solvent usage for each day;
 - (5) The total VOC/HAP usage for each day;
 - (6) A log of operating time for the capture and control device(s), monitoring equipment and the associated coating line(s);
 - (7) A maintenance log for the capture system, control device and monitoring equipment detailing all routine and nonroutine maintenance performed including dates and duration of any outages ; and

